

Serial No. 10/038,174

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REMARKS

Applicants request that original claims 1, 13, and 28 be amended and new claims 31 and 32 be added.

Claims 1 and 28 have been amended to correct a typographical subscript error. Claim 13 has been amended to correct numerous incorrect references to the "first encoder" (they have been changed to recite the "second encoder" where appropriate) and to correct other typographical subscript errors. Claim 7 has been amended for clarity.

Claims 31 and 32 have been added. In a previous Office Action, claim 2 of the originally filed application was rejected under 35 U.S.C. § 112, first paragraph, and later canceled. Claim 31 recites similar features, but clarifies that the auxiliary multiplexer is coupled as shown by the heavy line below in FIG. 5:

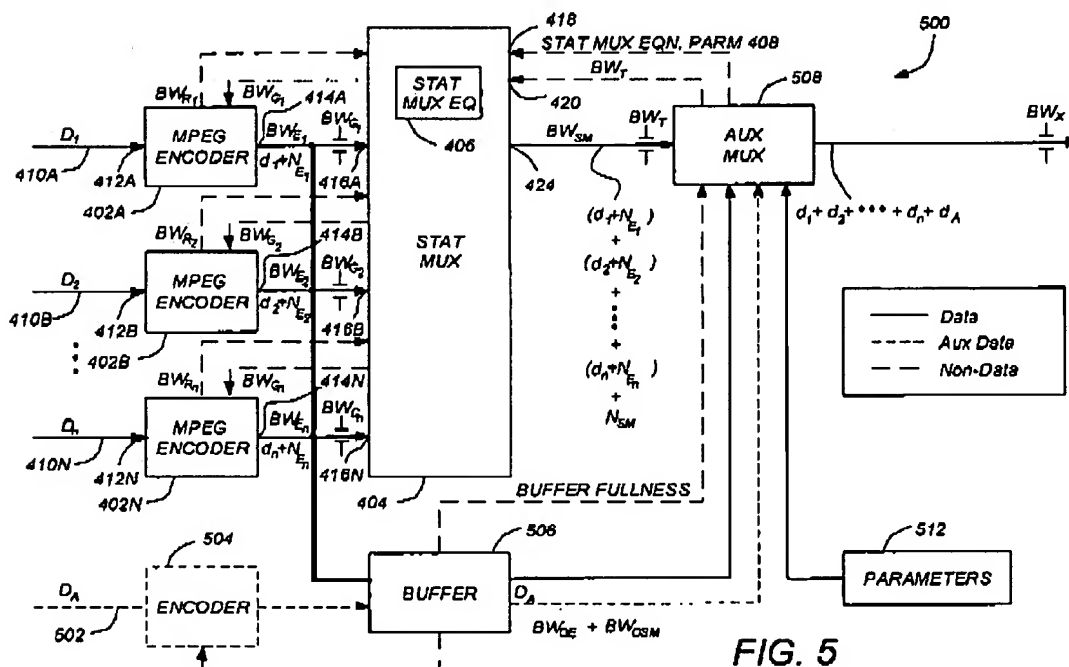


FIG. 5

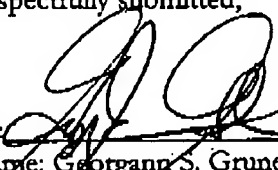
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Accordingly, these amendments and new claims do not involve any new matter or objectionable changes. When the Examiner takes this application up for action, he is requested to take the foregoing into account.

It is submitted that this application is now in good order for allowance and such allowance is respectfully solicited. Should the Examiner believe minor matters still remain that can be resolved in a telephone interview, the Examiner is urged to call Applicants' undersigned attorney.

Respectfully submitted,

Date: June 19, 2007

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